

# BENT STRAW (22.5') SINGLE FIXTURE LIGHT STANDARD DETAIL

NOTE TO SUPPLIERS: FIXTURE LABELING REQUIREMENTS SHOWN BELOW.  
 70 EQUIVALENT – 36 Watt Actual – ATB0-P201-MVOLT-R3-3K-BZ-NL-P7-SH – FIXTURE LABEL "07"  
 100 EQUIVALENT – 49 Watt Actual – ATB0-P202-MVOLT-R3-3K-BZ-NL-P7-SH – FIXTURE LABEL "10"  
 150 EQUIVALENT – 70 Watt Actual – ATB0-P203-MVOLT-R3-3K-BZ-NL-P7-SH – FIXTURE LABEL "15"  
 250 EQUIVALENT – 102 Watt Actual – ATB0-P205-MVOLT-R3-3K-BZ-NL-P7-SH – FIXTURE LABEL "25"

**NOTE 1**

POLES SHALL BE STAINLESS STEEL AND SHALL BE PROVIDED WITH TWO FINISH COATS OR THE EQUIVALENT OF TWO FINISH COATS OF PAINT SUITABLE FOR USE ON STAINLESS STEEL. THE BAKED ON FINISH COATS SHALL THOROUGHLY SEAL AND PROTECT THE POLE TO PREVENT OXIDATION. THE FINISH PAINT SHALL BE SAINT PAUL BROWN WHICH CLOSELY MATCHES FEDERAL COLOR NUMBER 24091 (ARCHITECTURAL BROWN).

**NOTE 2**

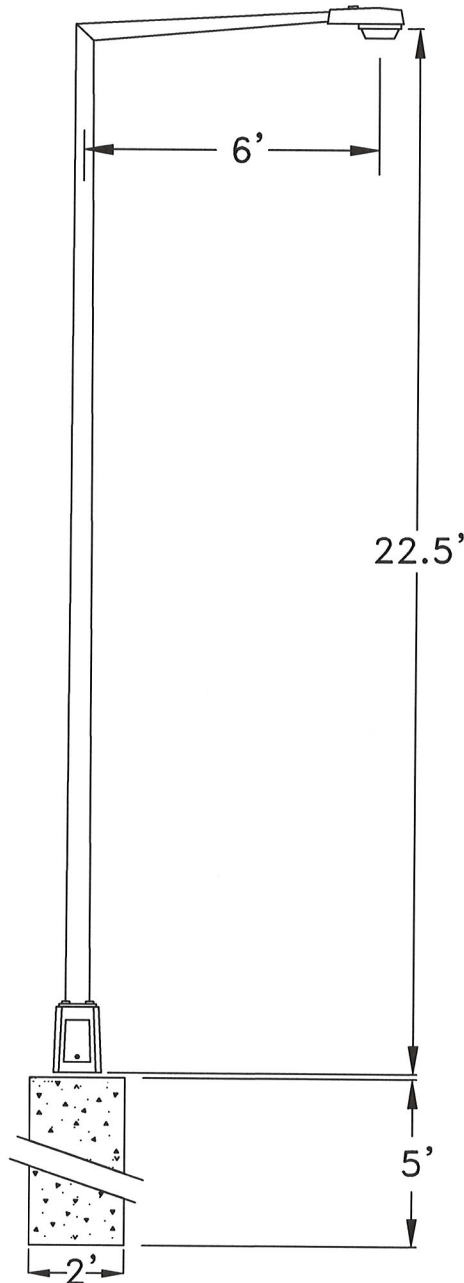
POLE SHAFT SHALL BE MILLERBERND MFG CO OR APPROVED EQUIVALENT.  
 P/N: 16-SI4-6-326-PT-H  
 MMC DWG. #: 40B1734  
 DESCRIPTION: 16-SIDED STAINLESS STEEL SHAFT ASSEMBLY INCLUDES: 12.75" SQ. ANCHOR BASE (12" BOLT CIRCLE), 16-SIDED INCLINE BEAM ARM SHAFT, AND PAINTED FINISH. (LESS ANCHOR BOLTS AND T-BASE)

**NOTE 3**

POLE BASE SHALL BE MILLERBERND MFG CO OR APPROVED EQUIVALENT.  
 P/N: 40B1105-A240-201L-PT-H  
 MMC DWG. #: 40B1105  
 DESCRIPTION: 20" HIGH BASE 15-1/2" SQ. BOTTOM TO FIT 1" DIA. BOLTS SLOTTED ON 9" - 15" DIA. BOLT CIRCLE BOTTOM AND 1" DIA. BOLTS SLOTTED 9-7/8" - 12" DIA. ON TOP OF BASE AND PAINTED FINISH.

**NOTE 4**

SPLICE TWO #12 AWG THHN-2 SOLID COPPER CONDUCTORS, ONE WHITE AND ONE BLACK/RED, TO RUN FROM POLE BASE TO THE FIXTURE.



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*B. Hawkins*  
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 BENJAMIN J. HAWKINS

NO SCALE

Date: 6/5/2023 Lic. No. 49104

APPROVED

*Nickelstein* 7/7/23  
 \_\_\_\_\_  
 CITY ENGINEER

CITY OF ST PAUL DEPARTMENT OF PUBLIC WORKS  
 BENT STRAW (22.5')  
 SINGLE FIXTURE  
 STANDARD DETAIL

DATE OF REVISION:  
 MAY  
 2023

STANDARD  
 PLATE  
 NO.  
 5061